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1   Consistent overhead Byte stuffing
Stuart Cheshire, Mary Baker
April   IEEE/ACM Transactions on Networking (TON),   Volume 7 Issue 2
1999
Publisher: IEEE Press
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Keywords: Byte stuffing, framing, packet, serial, transmission

2 Reliable group rekeying: a performance analysis

Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam
October   ACM SIGCOMM Computer Communication Review,   Volume 31 Issue 4
2001
Publisher: ACM

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scalability ...

3 Reliable group rekeying: a performance analysis

Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam
August   SIGCOMM '01: Proceedings of the 2001 conference on Applications,
2001   technologies, architectures, and protocols for computer communications
Publisher: ACM

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rekeying for group users whenever the key changes. In this paper, we investigate
scalability ...

4 Secure group communications using key graphs

Chung Kei Wong, Mohamed Gouda, Simon S. Lam
February 2000 IEEE/ACM Transactions on Networking (TON),   Volume 8 Issue 1
Publisher: IEEE Press

Full text available: pdf(345.54   Additional Information: full citation, references, cited by, index terms,
KB)   review

Bibliometrics: Downloads (6 Weeks): 20,   Downloads (12 Months): 141,   Citation Count: 43

Keywords: confidentiality, group communications, group key management, key
distribution, multicast, privacy, rekeying, security

5 Computing curricula 2001

CORPORATE The Joint Task Force on Computing Curricula
September   Journal on Educational Resources in Computing (JERIC),   Volume
2001   1 Issue 3es
Publisher: ACM

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6 Security of runtime extensible virtual environments

Ernesto J. Sallés, James Bret Michael, Michael Capps, Don McGregor, Andrzej Kapolka
September   CVE '02: Proceedings of the 4th international conference on
2002   Collaborative virtual environments
Publisher: ACM

Full text available: pdf(128.78   Additional Information: full citation, abstract, references, cited by,
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Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 57,   Citation Count: 1

Distributed, real-time virtual environment (VE) architectures have traditionally been
driven by quality of service (QOS) considerations, with little or no concern paid to
security issues. With recent advancements in functionality, computing power and ...

Keywords: collaborative environment, computer security, information assurance,
runtime extensible virtual environment, security, taxonomy, virtual environment,
virtual reality

7 Digital signatures for flows and multicasts

Chung Kei Wong, Simon S. Lam
August 1999 IEEE/ACM Transactions on Networking (TON),   Volume 7 Issue 4
Publisher: IEEE Press

Full text available: pdf(268.97
KB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 26,   Downloads (12 Months): 81,   Citation Count: 6

8 ASHs: Application-specific handlers for high-performance messaging

Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek
August 1996   SIGCOMM '96: Conference proceedings on Applications, technologies, architectures, and protocols for computer communications
Publisher: ACM

Full text available: pdf(174.50 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

Application-specific safe message handlers (ASHs) are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...

9 A secure multicast protocol with copyright protection

Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain
April 2002   ACM SIGCOMM Computer Communication Review, Volume 32 Issue 2
Publisher: ACM

Full text available: pdf(301.97 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 129, Citation Count: 2

We present a simple, efficient, and secure multicast protocol with copyright protection in an open and insecure network environment. There is a wide variety of multimedia applications that can benefit from using our secure multicast protocol, e. g., the ...

Keywords: copyright protection, key distribution, multicast security, watermark

10 ASHs: application-specific handlers for high-performance messaging

Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek
August 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 4
Publisher: IEEE Press

Full text available: pdf(174.62 KB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 10, Citation Count: 2

Keywords: computer networks, dynamic code generation, modular computer systems, operating systems, protocols, software protection, user-level networking

11 ASHs: Application-specific handlers for high-performance messaging

Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek
October   ACM SIGCOMM Computer Communication Review, Volume 26 Issue 4
1996
Publisher: ACM

Full text available: pdf(174.50 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

Application-specific safe message handlers (ASHs) are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...

12 Router plugins: a software architecture for next-generation routers

Dan Decasper, Zubin Dittia, Guru Parulkar, Bernhard Plattner
February   IEEE/ACM Transactions on Networking (TON), Volume 8 Issue 1
2000
Publisher: IEEE Press

Full text available: pdf(530.34 KB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 86, Citation Count: 7

Keywords: communication system routing, communication system security, internet, modular computer systems

13 New channels, old concerns: scalable and reliable data dissemination

Colin Allison, Duncan McPherson, Dirk Husemann
September   EW 9: Proceedings of the 9th workshop on ACM SIGOPS European
2000   workshop: beyond the PC: new challenges for the operating system
Publisher: ACM

Full text available: pdf(76.39 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 15, Citation Count: 0

An interesting trend in the continuing convergence of information technologies is the emergence of the Internet as a content provider in its own right, as opposed to its simply being one of many delivery channels. For example, it is increasingly the ...

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